

Please type a plus sign (+) inside this box ☐

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/05 (03-01)

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. EP-7583-C1  
First Inventor Allen A. Aradi et al.  
Title Low Sulfur, Low Ash, and Low Phosphorus Lubricant Additive Package Using an Arylene Salt of a Diarylphosphorodithioate  
Express Mail Label No. EU768643492US

22151 U.S. PTO  
10/63025  
07/30/03

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing). Applicant claims small entity status. See 37 CFR 1.27.
2. ☐ Specification (preferred arrangement set forth below) [Total Pages 33]
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
4. ☒ Oath or Declaration [Total Pages 1]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d) (for continuation/divisional with Box 18 completed))
  - c. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

6. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
14. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
15. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
16. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group Art Unit: \_\_\_\_\_  
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion of the disclosure is specifically omitted from the submitted application parts.

|                                     |  |  |  |           |  |  |  |                              |  |  |  |
|-------------------------------------|--|--|--|-----------|--|--|--|------------------------------|--|--|--|
| + Customer Number or Bar Code Label |  |  |  | or        |  |  |  | Correspondence address below |  |  |  |
| Name                                |  |  |  |           |  |  |  |                              |  |  |  |
| Address                             |  |  |  |           |  |  |  |                              |  |  |  |
| City                                |  |  |  | State     |  |  |  | Zip Code                     |  |  |  |
| Country                             |  |  |  | Telephone |  |  |  | Fax                          |  |  |  |

|                   |                          |                                   |               |
|-------------------|--------------------------|-----------------------------------|---------------|
| Name (Print/Type) | Dennis H. Rainear        | Registration No. (Attorney/Agent) | 32,486        |
| Signature         | <i>Dennis H. Rainear</i> | Date                              | July 30, 2003 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**TRANSMITTAL**

In Re Application of: Allen A. Aradi et al. )  
 Serial Number: Not Assigned )  
 Filed: July 30, 2003 )  
 For: **POWER PLATFORM FUEL CONSUMPTION** )  
**ECONOMY CREDITS METHOD** )

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8**

I hereby certify that the complete patent application stapled hereto and identified below is being deposited by me with the United States Postal Service as **Express Mail** (Express Mail Label No. **EU768643492US**) on July 30, 2003, with sufficient postage in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Beth Earnest*  
 Beth Earnest

Mail Stop Patent Application  
 Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an application for U.S. Patent, including the following:

Utility Patent Application Transmittal, PTO/SB/05  
 Application for Patent (33 pages, 45 claims)  
 Three (3) Drawing Sheets, Figures 1-3  
 Return Postcard

The claim fee has been calculated as shown below:

|                |  |  |                                    | Other than a Small Entity |                      |
|----------------|--|--|------------------------------------|---------------------------|----------------------|
|                |  |  | Highest Number Previously Paid for | Extra Claims Present      |                      |
|                | Claims                                 |  |                                    | Rate                      | Additional Claim Fee |
| TOTAL          | 45                                     |  |                                    | 25                        | X 18= \$450.00       |
| INDEPENDENT    | 2                                      |  |                                    |                           | X 84= \$             |
| Yes    No    X | First Presentation of Multi-Dep. Claim |  |                                    | + 280=                    |                      |
|                |  |  |                                    | TOTAL                     | \$450.00             |

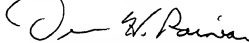
- ☒ Please charge my Deposit Account No. 05-1372 in the amount of \$1,200.00 (\$750.00 basic filing fee – utility, and \$450.00 in claim fees). A duplicate copy of this sheet is attached.

☐ The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 05-1372. A duplicate copy of this sheet is attached.

- ☒ Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 C.F.R. § 1.17.

Respectfully submitted,

**ETHYL CORPORATION**



Dennis H. Rainear, Reg. No. 32,486

330 South Fourth Street  
Richmond, VA 23219  
Phone: 804-788-5516  
Facsimile: 804-788-5519

Date: July 30, 2003